

PTO/SB/08A (08-03)
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	10/722719
Filing Date	November 26, 2003
First Named Inventor	STEVEN WILLIAM MACMASTER
Group Art Unit	Not Assigned
Examiner Name	Not Assigned
Attorney Docket Number	DH0007USNA

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ²	(if known)			
WJ		US -	5,175,638	12/29/1992	Ricoh Company, Ltd.	
		US -	6,372,309 B1	04/16/2002	Bayer Aktiengesellschaft	
		US -	6,462,892 B2	10/08/2002	Hon Hai Precision Ind. Co., Ltd.	
		US -	2001/0055160 A1	12/27/2001	Che-Yuan Hsu	
		US -	2003/0067568 A1	04/10/2003	Eiji Hamamoto	
WJ		US -	2003/0147030 A1	08/07/2003	Alps Electric Co., Ltd.	
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FOREIGN PATENT DOCUMENTS

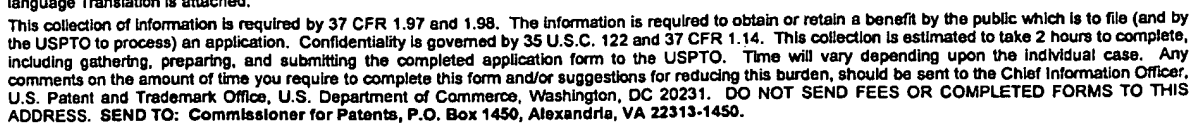
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Application Number	10/722,719
Filing Date	November 26, 2003
First Named Inventor	Steven William Macmaster
Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	DH0007 US NA

Sheet 1 of 1

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
m		US- 5,612,801 A	03-18-1997	Winker	
		US- 6,124,920 A	09-26-2000	Moseley et al.	
		US- 6,239,853 B1	05-29-2001	Winker et al.	
		US- 6,262,843 B1	07-17-2001	Marx	
m		US- 2002/0158967 A1	10-31-2002	Janick et al.	
		US-			
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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
m		WO 03/014780 A2	02-20-2003	3M Innovative Properties		

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11/05

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